

Receiving Report

Date: 14/8/25
 Supplier: B E

Batch No: 1130186
 Dart P/O: 28457 20407

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

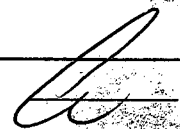
Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12



Production/Admin:
 Date _____
 Received/Costing _____
 Initial _____

Location _____



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25457**

Purchase Order Date 8/20/2014

PO Print Date 8/21/2014

Page Number 1 of 2

Order From :

VU-BEA001

B/E AEROSPACE INC
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx PI ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN924-6J st 322	NUT	8/22/2014 Yes 8/22/2014		20.00 Each ✓	\$2.60	\$52.00
Line Total:							\$52.00
2	MS21043-3	Nut	8/22/2014 Yes 8/22/2014	FN	500.00 Each ✓	\$0.38	\$190.00
Line Total:							\$190.00
3	MS20470A2-12 3/2	Rivet	8/22/2014 Yes 8/22/2014	FN	4,000.00 Each ✓ 14/8/20	\$0.01	\$50.00

Note:

8/21/2014



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1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
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USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx PI ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

FCA - (Free Carrier)

Line Total: \$50.00

4	AN5-50A	Bolt	8/22/2014	12.00	✓	\$7.67	\$92.04
			Yes	Each			
			8/22/2014				

Line Total: \$92.04

5	71401-45		8/22/2014	1.00		\$0.00	\$0.00
			No				
			8/22/2014				

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT
A033 STATEMENT OF CONFORMITY/TEST RECORDS
FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

14/8/05

Line Total: \$0.00

PO Total: \$384.04

CLM

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 4

Change Date: 8/21/2014



B/E Aerospace, Inc.

Page: 1 of 1

CONSUMABLES MANAGEMENT

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.beconsumables.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to B/E Aerospace, Inc.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO25457

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
4	12	EA	ANS-50A		304307	CALIFORNIA SCREW PRO	82507		


Jason Lewis
Vice President of Quality

08/22/14

DATE: 1/12/09

TIME: 13:10:59

AIRSUPPLY DIVISION
70 HCS ROANOKE
RECEIPT TRAVELLER: A1194869

PAGE: 24

WSID: RNK7HL32

S/D

VENDOR: 3088
CALIFORNIA SCREW PRODUCTS CORP

PURCHASE ORDER: 1014061

DATE RECEIVED: 1/12/09

BUYER: BL4



54

RECEIVING:

LINE QUANTITY PART NO./DESCRIPTION
ITEM RECEIVED

1 490 AN5-50A
BOLT



VENDOR ITEM#:

DASH GROUP: Source Delegate

QUALITY PROCUREMENT CLAUSES: ABCEHPUV

REV: /

Std Pkg Size:

QUALITY ASSURANCE:

DEPT. WORK OPERATION/DESCRIPTION
NO. CENTER NUMBER

SCHEDULE
DATE

SAMPLE QUANTITY QUANTITY MANUFACTURER BATCH CURE
SIZE ACCEPTED REJECTED LOT NO. DATE HPG LOT #

SD 490 304307 0901032027
Quality Documents: A Manufacturer's C of C
E Chem-Phys or Material Cert
Manufactured by: 3088 CALIFORNIA SCREW PRODUCTS CORP

030

INSPECTION NOTES:

STAGING: WAREHOUSE NUMBERS

LOCATION ADDRESS

QUANTITIES

LOC: 15DC6A 152207

RCT



<<< End of Form >>>

MANUFACTURERS OF AIRCRAFT FASTENERS AN-MS-NAS
CALIFORNIA SCREW PRODUCTS CORP.

14957 GWENCHRIS COURT

PARAMOUNT, CALIF. 90723-3423

CAGE NUMBER : 82507

Job Number : 304307

Airbus UK Approval No. AUK/SA/30144

BAE/AG/30235 / MAA

TEST REPORT

Part Number : AN5-50A
 Customer : HONEYWELL INTERNATIONAL
 Procurement Spec. : NASM 6812 Rev.1
 Surface Finish Spec : QQ-P-416F TII, CL2
 Heat Treat Spec : AMS2759/1 REV. C
 Mgntc Permeability : N/A

Part Standard : NASM3-20 REV. 1
 Cust. Purchase Order Number : 1014061
 Thread Size & Form : 3125-24 UNF-3A
 Thread Spec : MIL-S-7742D
 Sample Size Spec. : NASM 6812 Rev.1

Shipped Quantity* : 490
 Mfg Quantity : 2800
 Matl Spec: MIL-S-6049
 Item Description: Bolt
 Heat Number: 6708E
 * Actual piece count is within +/- 2% of the shown lot quantity.

NON-DESTRUCTIVE TESTS / SUBCONTRACTED (SEE CERTIFICATION)

Sample Size : 32 specimens Inspection Results: Accept : 32 Reject : 0 specimens
 Magnetic Particle : ASTM-E-1444-01 Fluorescent Penet. : N/A

METALLURGICAL EXAMINATION RESULTS

Sample Size : 5 specimens	Accept : 5	Reject : 0	Lab Mount No. : 24741
GRAIN SIZE : N/A	HEAD STRUCTURE : Accept	LAPS : Accept	MICRO STRUCTURE : Accept
FILLET COLD WORKED : Accept	DECARB : Accept	SEAMS : Accept	CARBURIZED : Accept
GRAIN FLOW HEAD : Accept	GRAIN FLOW THREAD : Accept	CRACKS : Accept	THREAD RUN OUT : Accept

MECHANICAL TESTS RESULTS

ULTIMATE TENSILE STRENGTH (lbs.) - Loc. of Failure: Threads Minimum Req.: 6500
 Sample Size : 5 specimens Accept : 5 Reject : 0 Maximum Req.: 0

1. 10080	2. 10170	3. 10010	4. 10100	5. 10080	6. N/A	7. N/A	8. N/A
9. N/A	10. N/A	11. N/A	12. N/A	13. N/A	14. N/A	15. N/A	16. N/A
17. N/A	18. N/A	19. N/A	20. N/A	21. N/A	22. N/A	23. N/A	24. N/A
25. N/A	26. N/A	27. N/A	28. N/A	29. N/A	30. N/A	31. N/A	32. N/A

SHEAR (lbs.) S/D : SINGLE Sample Size : 5 specimens Accept : 5 Reject : 0 Minimum Req.: 5750

1. 7320	2. 7250	3. 7190	4. 7270	5. 7200	6. N/A	7. N/A	8. N/A
9. N/A	10. N/A	11. N/A	12. N/A	13. N/A	14. N/A	15. N/A	16. N/A
17. N/A	18. N/A	19. N/A	20. N/A	21. N/A	22. N/A	23. N/A	24. N/A
25. N/A	26. N/A	27. N/A	28. N/A	29. N/A	30. N/A	31. N/A	32. N/A

HARDNESS TEST - Sample Size : 5 Hardness Req. RC : 26-32 Hardness Results : 31-32

STRESS RUPTURE TEST - N/A Load (Lbs.) : 0 Temperature (F) : 0 Periodic test, REF Job No. |
 Sample Size : 0 Hours : 0

FATIGUE TEST - N/A Cycles : 0 Min Req. : 0
 Sample Size : 0 Low Load (lbs.) : 0 High Load (lbs.) : 0

TORQUE TEST - N/A Sample Size : 0 Load (Lbs/in) : 0

STRESS DURABILITY TEST - N/A Sample Size : 0 LOAD (Lbs.) : 0 Hours: 0

STATEMENT OF CONFORMANCE:

This report relates only to items inspected/tested. Deviations from standard test methods, if any, are noted, and results from subcontracted inspection or testing, if any, are identified. All items were manufactured in the USA under a quality management system, which complies with ISO 9001 and with AS 9100. CALIFORNIA SCREW PRODUCTS CORP, hereby states: That the above product is mercury free; that the above listed lot has been produced, sampled, tested, inspected and marked in accordance with all requirements and that the product complies with all specification and contract requirements; that evidence of which is in the files of our company subject to examination. ~~This report shall not be reproduced except in full unless authorized in writing by Honeywell Source Accepted:~~

**MARIAELENA
TORRES**

Stamp Impression

Date **DEC 22 2008**

RMRA. #

(Name, Signature, Stamp and Date)



MGF Industries, LLC

6440 E. Canning Street
Los Angeles, CA 90040
Phone (323) 722-4933
Fax (323) 721-2738

WORK ORDER
012986/

CERTIFICATION
HEAT NO.
6708E/
SALES ORDER / RLS
785568 / 1

SOLD TO

Cal Screw Products
14957 Gwenchris St.
Paramount, CA 90723
USA

ISO 9002 REGISTERED



CHEMICAL TESTING

J/N 304307

CUSTOMER P.O. 10981/	CUSTOMER PART h1330/	QUANTITY 3,431 LBS	CARRIERS 2	LADING NO 00025782	SHIPMENT DATE 03/13/2001			
SPECIFICATION C048740-103085A A-8740, AQ, SKFG, CHQ WIRE, SAIP Zinc Phosphate, Lime & Stearate Coating, Size:0.308/0.309/Specifications: AMS2301H/AMS6322L/MIL-S-6049A/AMEND 1, AMS-S-6049								
CERTIFICATION REQUIREMENTS								
Chemical Properties								
C .40/	Si .28/	Mn .82/	P .013/	S .009/	Cu .15/	Ni .44/	Cr .55/	Mo .22/
Physical Properties								
Grain Size Jominy 1	Jominy 2	Jominy 3	Inclusions Macro	Cleanliness	Mill Source			
9.8 j5=53	j8=46	j10=41	S2-R1-C2	GOOD F&S=0	Daido			
Mechanical Properties								
TEST	UNITS	Results						
Tensile Strength	KSI	82.1						
Yield Strength	KSI	69.8						
% Elongation	%	22.5						
% Reduction of Area	%	77.0						
Rockwell Hardness B Scale	HRB	87						

RMK 6349
JOSE CERVANTES
3-14-2001

fHC

32
CSP

Merchandise covered by this invoice is warranted to be free from defects in workmanship or material but not for any specific length of time, type or measure of service. No claim for allowance will be recognized unless presented in writing within 10 days time after receipt of material. Our maximum liability for any claim predicated upon defective merchandise is limited to replacement of it, or to repayment of it, or to repayment of the purchase price thereof, as we elect. Material cut to specific length or size cannot be returned for credit and request for cancellation of such orders will not be considered if manufacture has been commenced. Buyer, by acceptance of the merchandise covered by this invoice, agrees to the foregoing terms and conditions and those set forth on the reverse hereof.

"The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under Federal statutes including Federal law, Title 18, Chapter 47."

REPRODUCTION OF THIS CERTIFICATION IS NOT ALLOWED UNLESS IN FULL.

MGF Industries metallurgical laboratory is accredited in the following test: chemical analysis per ASTM E 415, mechanical testing per ASTM A 370, Rockwell hardness per ASTM E 18, metallographic mount preparation per ASTM E 3, decarburization depth per ASTM E 107, IFI 140, inclusion rating per ASTM E 45.

The reported Chemical and Physical Properties are Melt Source results. Tests which have been undertaken by a subcontractor laboratory that is not accredited are not endorsed by A2LA or covered by MGF Industries' A2LA accreditation.

TEST RESULTS RELATE ONLY TO THE ITEMS TESTED.

Material is free of mercury, radium, or alpha contamination.



Daido Steel Co. Ltd.

Cable address:
Steel, Nagoya
Tel Nagoya (611)2525

HOSHIZAKI PLANT

JAPAN

NO. 08-0335 (2 / 4)

DATE AUG. 19. 2000

GRAIN SIZE TEST (ASTM OXID)

5M30E	9.9
6080F	9.4
6708E	9.8
6080F	9.4
6708E	9.8
6708E	9.8

MICRO STRUCTURE TEST

GOOD
GOOD
GOOD
GOOD
GOOD
GOOD

DECARBURIZATION TEST (MM)

GOOD(0.10)
GOOD(0.08)
GOOD(0.07)
GOOD(0.10)
GOOD(0.10)
GOOD(0.08)

SIZE

DIA.6
DIA.8
DIA.8
DIA.9
DIA.12
DIA.15

SUBSURFACE	S-2
RANDOM	R-1
CENTER	C-2

5M30E
6080F
6708E
6080F
6708E
6708E

AIRCRAFT QUALITY
AMS2301H AMS6322K
MIL-S-6049A, AMENDMENT 1

SIZE

DIA.6
DIA.8
DIA.8
DIA.9
DIA.12
DIA.15

5/1304307

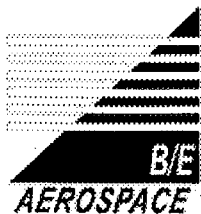


RMR 6349
JOSE CERVANTES
3-14-2001



Chief of Quality Assurance Section

M. Yamamoto



B/E Aerospace, Inc.

Page: 1 of 1

CONSUMABLES MANAGEMENT

P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.beconsumables.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to B/E Aerospace, Inc.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO25457

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
2	500	EA	MS21043-3		M019438-000	ALCOA KAYNAR FULLERT	15653		

Jason Lewis
Vice President of Quality

08/22/14

INLAND MACHINE COMPANY

MANUFACTURING AN-MS-NAS HYDRAULIC FITTINGS

MANUFACTURER'S AFFIDAVIT

I, RONALD DORFF hereby certify that the below named parts
(Name)

were manufactured by INLAND MACHINE COMPANY located at
(Company Name)

10762 EDISON COURT
(Street Address)

RANCHO CUCAMONGA CA
(City) (State)

91730
Zip Code

Part No.	Part Description
AN924-6J	NUT REV 11
JOB # 6166	

I further certify that should any change in the manufacturing process occur which changes the country of origin; I will immediately notify B / E AEROSPACE, Inc. in writing and provide a new Manufacturer's Affidavit.

(Signature)

QUALITY CONTROL MANAGER

(Title)

6/16/14

(Date)

THIS DOCUMENT IS INTENDED ONLY FOR THE USE OF THE PERSON(S) TO WHOM IT IS ADDRESSED. IT MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. If you are not the intended recipient, any dissemination, distribution, copying or other use of this document is strictly prohibited. If you have received this communication in error, please notify us by telephone 305.925.2600 to arrange for the destruction or return to us of original document.

10762 EDISON COURT - RANCHO CUCAMONGA, CA 91730 - 909-484-5579 - FAX 909-484-4825
EMAIL: gdarcia@inlandaerospace.com

ALLFAST

FASTENING SYSTEMS, INC.

BOX 3200 • 15200 DON JULIAN ROAD
INDUSTRY, CALIFORNIA 91745-1098
PHONE (818) 968-9388 • TWX 910-584-1815

UNITED FASTENERS
116 MAHAN ST
W. BABYLON

NY 11704

UNITED FASTENERS
116 MAHAN ST
W. BABYLON

NY 11704

CUSTOMER NO. 25261

CUSTOMER P.O. 1421

Steel Fasteners

CARTON COUNT	2
TOTAL WEIGHT	
CARRIER WEIGHT	28#
WEIGHT CHARGES	\$


TERMS	1% - 10 Net 30
F.O.B.	Origin
SHIP VIA	Cheapest Way

DATE ORDERED	6/03/87	040113/0
--------------	---------	----------

DATE SHIPPED	6/04/87	1 OF 1
--------------	---------	--------

Picker: 030595

Yellow #25261 2/4999

QTY	UNIT	DESCRIPTION	WEIGHT	REMARKS
06	01	MS20426DB8-24	LB	17 13
		+/-10%		
		LOT-20034		
				

SAF-131 (REV. 10/85)

Don Barker
QUALITY ASSURANCE

PACKING SLIP

THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND
IN THE ITEM SHIPPED HEREWITH IS IN COMPLIANCE WITH
GOVERNMENT SPECIFICATIONS TEST REPORTS ON FILE

FLAGS H B
Selective

DROP SHIP ☐

PICKED BY

PACKED BY

INSPECTED BY

SOLD

BY: 11



B/E Aerospace, Inc.

Page: 1 of 1

CONSUMABLES MANAGEMENT

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www.beconsumables.com

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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO25457

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
3	4000	EA	MS20470A2-12		02514	ALLFAST FASTENING	53551		

Jason Lewis
Vice President of Quality

08/22/14

Alcoa Fastening Systems



Packing Slip



Packing Slip: 9948070366

Page: 1

Bill To: 5574
B/E AEROSPACE, INC..
P.O. BOX 025263
MIAMI FL 33102-5263
USA

Ship To: (14)
B/E AEROSPACE CONSUM MGMT
9835 NW 14TH ST
MIAMI FL 33172
USA

From:
ALCOA FASTENING SYSTEMS
AEROSPACE PRODUCTS
FULLERTON OPERATIONS
800 SOUTH STATE COLLEGE
FULLERTON CA 92831
USA

Order Contact:

Pack Date	Order #	Cust PO	Ship Via	Weight	Pkgs #
08/31/13	F433565	0FRW45			

Line/Rel	Item	U/M	Qty Ordered	Qty To Pack
5-1	AAT840 H41-3		25.00	6.42

C/I: MS21043-3 *rev. 3*
PO Item #: 2

*** TSO C-148 APPVD PART. TSO LABEL REQUIRED ***

Lot: M019438-000 COO: MEXICO

Waybill: _____

ECCN: 9A991 Schedule-B Number: 7318.16.0000

HTS-Code: 7318.16.0060

The export classification appears above. You are responsible for all related export license requirements.

MFG C OF C CHEM & PHYS TEST REPORT REQ
** DUAL CERT TO NAS1291C3 AND LS8859-3
**

SHIP VIA : FED EX AIR
BUYER: CRISTINA SANCHEZ

PHONE:

ALCOA GLOBAL FASTENERS, INC.

Kaynar Products: Cage Code 15653 • Eagle Products: Cage Code 66776 • Rosan Products: Cage code 66776

ALL CLAIMS REGARDING THIS ORDER MUST BE REPORTED TO SELLER PROMPTLY. CLAIMS FOR CREDIT OR REPLACEMENT OF PARTS MAY BE LIMITED TO THOSE PARTS FOR WHICH TRACEABILITY HAS BEEN MAINTAINED BY THE BUYER. THE SELLER'S MANUFACTURING LOT IDENTIFICATION NUMBER AND RETURN MERCHANDISE AUTHORIZATION (RMA) NUMBER MUST ACCOMPANY ALL RETURNS. ANY CLAIM BASED ON AN ALLEGED DISCREPANCY IN QUANTITY, QUALITY, ETC. BETWEEN THE GOODS ACTUALLY SHIPPED AND/OR DELIVERED UNDER THESE DOCUMENTS AND THE DESCRIPTION THEREOF IN THESE DOCUMENTS, MUST BE MADE IN WRITING TO SELLER NOT LATER THAN NINETY (90) DAYS AFTER THE SHIPPING DATE APPEARING HEREON. FOR ITEMS CERTIFIED TO BPS-N-70, ALLOY VERIFICATION HAS BEEN PERFORMED ON PARTS WITH A DATE OF MANUFACTURE ON OR AFTER JANUARY 1, 2001. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CUSTOMER'S COPY

Alcoa Fastening Systems



Packing Slip



Packing Slip: 9948070366

Page: 2

Bill To: 5574
B/E AEROSPACE, INC.
P.O.BOX 025263
MIAMI FL 33102-5263
USA

Ship To: (14)
B/E AEROSPACE CONSUM MGMT
9835 NW 14TH ST
MIAMI FL 33172
USA

From:
ALCOA FASTENING SYSTEMS
AEROSPACE PRODUCTS
FULLERTON OPERATIONS
800 SOUTH STATE COLLEGE
FULLERTON CA 92831
USA

Order Contact:

Pack Date	Order #	Cust PO	Ship Via	Weight	Pkgs #
08/31/13	F433565	OFRW45			

Line/Rel	Item	/M	Qty Ordered	Qty To Pack
----------	------	----	-------------	-------------

MATERIAL COMPLIES WITH DFARS 252.225-700
9 PREFERENCE FOR DOMESTIC SPECIALTY
METALS" WITH ITS ALTERNATE 1.

***SHIP VIA FEDX AIR COLLECT ACCT# 033
0149-0 IF 150 LBS OR MORE: SHIP
EX FREIGHT ECONOMY COLLECT ACCT# 01475

DO NOT SHIP BY ANY OTHER WITHOUT PROPER
WRITTEN AUTHORIZATION.

ALLOWABLE SHIPPING TOLERANCE = +0%-0 %.

** BAR CODE PER QAP 33 CLAUSE P REQUIRED

** QAP 33.0 REV F CLAUSES: A,A.1,B,C,E,H
,P,U,V. CLAUSE A.3 GENERAL TERMS
APPLIES.

*** PER JESSICA 8/24 PULL IN MARCH & JUN
E SCH FROM 2013 TO ASAP VB 8/24
chem & phys certs

ALCOA GLOBAL FASTENERS, INC.

Kaynar Products: Cage Code 15653 • Eagle Products: Cage Code 66776 • Rosan Products: Cage code 66776

ALL CLAIMS REGARDING THIS ORDER MUST BE REPORTED TO SELLER PROMPTLY. CLAIMS FOR CREDIT OR REPLACEMENT OF PARTS MAY BE LIMITED TO THOSE PARTS FOR WHICH TRACEABILITY HAS BEEN MAINTAINED BY THE BUYER. THE SELLER'S MANUFACTURING LOT IDENTIFICATION NUMBER AND RETURN MERCHANDISE AUTHORIZATION (RMA) NUMBER MUST ACCOMPANY ALL RETURNS. ANY CLAIM BASED ON AN ALLEGED DISCREPANCY IN QUANTITY, QUALITY, ETC. BETWEEN THE GOODS ACTUALLY SHIPPED AND/OR DELIVERED UNDER THESE DOCUMENTS AND THE DESCRIPTION THEREOF IN THESE DOCUMENTS, MUST BE MADE IN WRITING TO SELLER NOT LATER THAN NINETY (90) DAYS AFTER THE SHIPPING DATE APPEARING HEREON. FOR ITEMS CERTIFIED TO BPS-N-70, ALLOY VERIFICATION HAS BEEN PERFORMED ON PARTS WITH A DATE OF MANUFACTURE ON OR AFTER JANUARY 1, 2001. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CUSTOMER'S COPY

Alcoa Fastening Systems



Packing Slip



Packing Slip: 9948070366

Page: 1

Bill To: 5574
B/E AEROSPACE, INC.
P.O.BOX 025263
MIAMI FL 33102-5263
USA

Ship To: (14)
B/E AEROSPACE CONSUM MGMT
9835 NW 14TH ST
MIAMI FL 33172
USA

From:
ALCOA FASTENING SYSTEMS
AEROSPACE PRODUCTS
FULLERTON OPERATIONS
800 SOUTH STATE COLLEGE
FULLERTON CA 92831
USA

Order Contact:

Pack Date	Order #	Cust PO	Ship Via	Weight Pkgs #
08/31/13	F433565	0FRW45		

Line/Rel	It	Qty	Ordered	Ship To	Fac
5-1	AAT840 H41-3	625	625	63	43

C/I: MS21043-3

PO Item #: 2

*** TSO C-148 APPVD PART. TSO LABEL REQ'D ***

Cust Date: 06/10/13

Kay Date: 08/24/12

Lot: M019438-000

COO:MEXICO

Waybill:

ECCN:9A991 Schedule-B Number:7318.16.0000

HTS-Code:7318.16.0060

The export classification appears above. You are responsible for all related export license requirements.

MFG C OF C CHEM & PHYS TEST REPORT REQ

** DUAL CERT TO NAS1291C3 AND LS8859-3

**

SHIP VIA : FED EX AIR

BUYER: CRISTINA SANCHEZ

PHONE:

CERTIFICATE OF CONFORMANCE

This is to certify that all items noted above were produced in conformance with the contract, drawing specifications, and other applicable documents. All required process certifications, chemicals and physical test reports are on file subject to examination. This document must not be reproduced except in full and relates only to the items tested.

MICHELE M. VARELA
Quality Manager
Fullerton Operations

ALCOA GLOBAL FASTENERS, INC.

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Alcoa Fastening Systems



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Packing Slip: 9948070366

Page: 2

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9835 NW 14TH ST
MIAMI FL 33172
USA

From:
ALCOA FASTENING SYSTEMS
AEROSPACE PRODUCTS
FULLERTON OPERATIONS
800 SOUTH STATE COLLEGE
FULLERTON CA 92831
USA

Order Contact:

Pack Date Order # Cust PO Ship Via Weight Pkgs #
08/31/13 F433565 0FRW45

Line/Rel It Order d To Pack

MATERIAL COMPLIES WITH DARS 22 225-700
9 PREFERENCE FOR DOMESTIC SPECIALTY
METALS" WITH ITS ALTERNATE 1.

***SHIP VIA FEDX AIR COLLECT ACCT# 0331-
0149-0 IF 150 LBS OR MORE:SHIP FED
EX FREIGHT ECONOMY COLLECT ACCT# 018757.

DO NOT SHIP BY ANY OTHER WITHOUT PROPER
WRITTEN AUTHORIZATION.

ALLOWABLE SHIPPING TOLERANCE = +0%-0 %.

** BAR CODE PER QAP 33 CLAUSE P REQUIRED

** QAP 33.0 REV F CLAUSES: A,A.1,B,C,E,H
,P,U,V. CLAUSE A.3 GENERAL TERMS
APPLIES.

*** PER JESSICA 8/24 PULL IN MARCH & JUN
E SCH FROM 2013 TO ASAP VB 8/24
chem & phys certs

CERTIFICATE OF CONFORMANCE

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Fullerton Operations

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CUSTOMER'S COPY

NO.

Page 1 of 3

**Alcoa
Fastening
Systems**Aerospace Products
Fullerton Operations
800 S.STATE COLLEGE BLVD
FULLERTON, CA 92831**TEST REPORT**

8190371

Lot No.

M019438-000Supplier Item No.
AAT840Supplier Part No.
H41-3Interchange Part No.
525-595-9005 Rev. NInterchange Part No.
GTS297-4 Rev. 3Interchange Part No.
H41-3Interchange Part No.
LS8859-3 Rev. AInterchange Part No.
MS21043-3 Rev. 3Interchange Part No.
N8862175/E Rev. 5aInterchange Part No.
NAS1291A3 Rev. 13Interchange Part No.
NAS1291C3 Rev. 13

Interchange Part No.

Manufactured Quantity
63430Mfg. Date
01/17/13Generic Description
NUT 6 POINTThread Size
.1900-32

PLATE/COAT

AMS 2410 REV. K

HEAT TREAT

AMS-H-6875 REV. B

Non-Destruct

ASTM E1417 REV. 11 E1 SAMPLE

PERFORMANCE

NASM25027 REV. 1Material Spec. # 1
AMS5731-LMill Heat No.
970207Control Heat No.
AA18719Material Supplier
CARPENTER TECHNOLOGY CORP

Special Process Requirements:

**THREADS AND GAUGING PER AS8879 Rev.DR12
and ASME B1.3M SYS. 22****MIN EQUALS BKWY MAX EQUALS INST.***** CONFORMS TO AMS5732J AFTER HT TREAT
MAGNETIC PERMEABILITY LESS THAN 2.0****TEST RESULTS**

----- TEST ----- No. Description	UOM	SAMPLE Number	RESULT Cycle	MINIMUM Value	MAXIMUM Value	PASS/ Fail	MINIMUM Requirement	MAXIMUM Requirement
1 - 010 TORQUE TEST 18 lbs max install / 2.0 lbs min bkwy.	IN#	1	1	8.15	8.60		2.00	18.00
			7	5.40	5.25			
			15	5.35	4.80			
		2	1	7.70	8.60			
			7	5.35	5.40			
			15	2.00	1.80			
		3	1	5.50	5.60			
			7	5.85	5.20			
			15	4.85	4.65			
		4	1	5.40	6.10			
			7	4.20	4.50			
			15	5.25	5.30			
		5	1	6.90	7.45			
			7	5.95	5.80			
			15	4.65	4.45			
		6	1	6.25	6.30			
			7	4.30	4.00			
			15	4.25	4.25			

TEST RESULTS - Continued on next page.**THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL AND RELATES ONLY TO THE ITEMS TESTED**

The product identified on this Certificate has been manufactured, tested and unless otherwise noted, conforms in all respects to the applicable drawings, specifications and standards. Complete reports of physical and chemical tests are on file for examination. If no specified customer quality level is required, goods conform to sellers quality level. All Damages Exceeding Price are Excluded. For items certified to BPS-N-70 alloy verification has been performed on parts with a date of manufacturing on or after January 1, 2001. Quality system sampling plan conforms to the requirement of QAP EQ001, QAP EQ002, QAP EQ003. The recording of false, fictitious, or fraudulent statements or entries on the certificate may be punished as a felony under federal law.

MICHELE M. VARELA, QA MGR.

ALCOA GLOBAL FASTENERS INC.

Rev. 12/02 Form 11189

SHIPPER#: 9948070366

NO.

Page 2 of 3

**Alcoa
Fastening
Systems**Aerospace Products
Fullerton Operations
800 S.STATE COLLEGE BLVD
FULLERTON, CA 92831**TEST REPORT**

Lot No.

M019438-000Supplier Item No.
AAT840Supplier Part No.
H41-3**TEST RESULTS - Continued from previous page.**

----- TEST ----- No. Description	UOM	SAMPLE Number	RESULT Cycle	MINIMUM Value	MAXIMUM Value	PASS/ Fail	MINIMUM Requirement	MAXIMUM Requirement
2 - 020 TENSILE TEST 2460 lbs min	LBS	7	1	7.40	7.10		2460.00	
			7	5.15	4.60			
			15	3.25	2.75			
		8	1	6.60	6.40			
			7	5.20	4.70			
			15	4.20	3.35			
		9	1	7.95	8.85			
			7	5.85	6.15			
			15	5.65	6.20			
		10	1	6.30	6.25			
			7	6.30	6.10			
			15	5.95	6.40			
		11	1	4.95	5.75			
			7	3.60	3.80			
			15	3.45	3.10			
		12	1	7.75	8.60			
			7	6.20	6.35			
			15	6.05	5.90			
		13	1	9.90	10.35			
			7	8.00	7.95			
			15	6.35	7.05			
		14	1	4.95	5.30			
			7	5.05	5.00			
			15	4.35	4.30			
		15	1	5.10	5.10			
			7	5.20	5.60			
			15	4.35	4.60			
		1	1	4420.00				
		2	1	2600.00				
		3	1	2600.00				
		4	1	2600.00				
		5	1	2600.00				
		6	1	2600.00				
		7	1	2600.00				
		8	1	2600.00				
		9	1	2600.00				
		10	1	2600.00				
		11	1	2600.00				
		12	1	2600.00				
		13	1	2600.00				

TEST RESULTS - Continued on next page.**THIS REPORT MUST NOT BE REPRODUCED EXCEPT IN FULL AND RELATES ONLY TO THE ITEMS TESTED**

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MICHELE M. VARELA, QA MGR.

ALCOA GLOBAL FASTENERS INC.

Rev. 12/02 Form 11199

SHIPPER#: 9948070366

NO.

Page 3 of 3

**Alcoa
Fastening
Systems**Aerospace Products
Fullerton Operations
800 S.STATE COLLEGE BLVD
FULLERTON, CA 92831**TEST REPORT**

8190371

Lot No.

M019438-000Supplier Item No.
AAT840Supplier Part No.
H41-3**TEST RESULTS - Continued from previous page.**

----- TEST ----- No. Description	JOM	SAMPLE Number	RESULT Cycle	MINIMUM Value	MAXIMUM Value	PASS/ Fail	MINIMUM Requirement	MAXIMUM Requirement
3 - 110 HARDNESS HRC 38/44	RC	14	1	2600.00				
		15	1	2600.00				
		1	1	39.00	42.00			
7 - 113 Hardness (HR15N)	-	1	1	(79.90)	(81.50)			

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MICHELE M. VARELA, QA MGR.

ALCOA GLOBAL FASTENERS, INC.

Rev. 12/02 Form 11188

SHIPPER#: 9948070366

CERTIFICATE OF TESTS

CERT SERIAL# 000854743

**CARPENTER**

Carpenter Technology Corporation
101 West Bern Street, Reading, Pa. 19601
Tel: (610) 208-2000 (800) 338-4592

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

01/03/13

CUSTOMER/BESTELLER/CLIENT

ALCOA FASTENING SYSTEMS
FULLERTON OPERATION
P O BOX 3001
FULLERTON , CA 92631

SELLER/VERKÄUFER/VENDEURPAGE 1 OF 3

CARPENTER TECHNOLOGY CORP

101 W. BERN STREET
READING , PA 19601

CUSTOMER ORDER NO./BESTELL.-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
220615654	LOS835201 L36332	01/03/13	2069.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: 970207

PRODUCT DESCRIPTION: A286 SOLUTION ANNEALED COLD FINISH SEAM FREE C HDG CL H2
STD CU/LM SOAP
PART NUMBER: 732084

SPECIFICATION: FAIRCHILD MS 309 CLASS A REV 16 (09/15/10)
AMS 5732 REAFFIRMED REV J (07//12) (CAPABLE OF)
FAIRCHILD MS 550 REV 2 (12/10/02)
AMS 5731 REAFFIRMED HEADING STOCK REV L (07//12)

SIZE 0.279000 IN. (7.09 MM) RD WIRE

PRIMARY HEAT CHEMISTRY (WT%):

<input checked="" type="checkbox"/> C 0.03	<input checked="" type="checkbox"/> MN 0.21	<input checked="" type="checkbox"/> SI 0.12	<input checked="" type="checkbox"/> P 0.012	<input checked="" type="checkbox"/> S LT .001	<input checked="" type="checkbox"/> CR 14.67
<input checked="" type="checkbox"/> NI 25.20	<input checked="" type="checkbox"/> MO 1.28	<input checked="" type="checkbox"/> CU 0.10	<input checked="" type="checkbox"/> CO 0.07	<input checked="" type="checkbox"/> AL 0.13	<input checked="" type="checkbox"/> TI 2.17
<input checked="" type="checkbox"/> V 0.27	<input checked="" type="checkbox"/> B 0.0054				

THE CHEMICAL ANALYSIS OF THIS HEAT HAS BEEN PERFORMED BY THE CARPENTER SPECIALTY ALLOYS CHEMICAL LABORATORY, (CODE NUMBER PRI 100004), WHICH WAS ACCREDITED TO THE ISO/IEC 17025.

COUNTRY OF ORIGIN: U.S.A.

THIS MATERIAL HAS BEEN SAMPLED, TESTED, AND INSPECTED IN ACCORDANCE WITH THE SPECIFICATION AND MEETS ALL SPECIFICATION REQUIREMENTS.

THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL REVISION 30, DATED 09/28/11.

THIS MATERIAL WAS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE CONTAMINATION.

MILL HEAT TREATMENT:

TYPE SOLUTION ANNEAL
TEMP 1800F (982C)
TIME AT TEMP CONTINUOUS FURNACE
QUENCH WATER

11/11/13

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keine Haftung für die ausgewiesenen Daten oder Zertifizierungen.
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SHIPPER#: 9948070366

CERTIFICATE OF TESTS

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

CERT SERIAL# 000854743

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Carpenter Technology Corporation
101 West Bern Street, Reading, Pa. 19601
Tel: (610) 208-2000 (800) 338-4592

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- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM, ALPHA AND GAMMA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

01/03/13

CUSTOMER / BESTELLER / CLIENT

SELLER / VERKÄUFER / VENDEUR PAGE 2 OF 3

ALCOA FASTENING SYSTEMS
FULLERTON OPERATION
P O BOX 3001
FULLERTON, CA 92631

CARPENTER TECHNOLOGY CORP

101 W. BERN STREET
READING, PA 19601

CUSTOMER ORDER NO. / BESTELL.-NR. / N° DE COMMANDE	CARPENTER NO. / WERKS-NR. / N° DE REFERENCE INTERNE	DATE / DATUM / DATE	WEIGHT / GEWICHT / POIDS
220615654	LOS835201 L36332	01/03/13	2069.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE:

970207

HARDNESS AS SHIPPED, HRBW -

89

(MIDRADIUS)

TENSILE AS SHIPPED,

KSI (MPA)

94.0 (648)

GRAIN SIZE PER ASTM E112: 7

(KALLINGS)

CAPABILITY

1800 F (982 C), 01 HR
1325 F (718 C), 16 HR

OIL TREAT
AIR COOL

COMBINATION STRESS RUPTURE

TEST TEMP 1200 F (649 C)
STRESS, KSI (MPA) 70.0 (483)
ELONGATION % 28.9
HOURS 80.1

AFTER MINIMUM TIME UNDER SPECIFIED STRESS, THE STRESS RUPTURE TEST
WAS OVERLOADED IN INCREMENTS AS FOLLOWS:

TOTAL HOURS	STRESS KSI (MPA)
52	75.0 (517)
60	80.0 (552)
68	85.0 (586)
76	90.0 (621)

(T) TRANSVERSE	(L) LONGITUDINAL	L
YIELD STRENGTH, (0.20 %) KSI (MPA)	110.0 (758)	
TENSILE STRENGTH, KSI (MPA)	159.0 (1096)	
ELONGATION IN 2.00", %	23.0	
REDUCTION OF AREA, %	43.0	
HARDNESS, HBW	324.0	

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen.
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SHIPPER#: 9948070366

CERTIFICATE OF TESTS
CERT SERIAL# 000854743
ABNAHMEPRUEFZEUGNIS
CERTIFICAT DE CONTRÔLE

CARPENTER

Carpenter Technology Corporation
 101 West Bern Street, Reading, Pa. 19601
 Tel: (610) 208-2000 (800) 338-4592

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01/03/13

CUSTOMER / BESTELLER / CLIENT

SELLER / VERKÄUFER / VENDEUR PAGE 3 OF 3

ALCOA FASTENING SYSTEMS
 FULLERTON OPERATION
 P O BOX 3001
 FULLERTON, CA 92631

CARPENTER TECHNOLOGY CORP

101 W. BERN STREET
 READING, PA 19601

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220615654	LOS835201 L36332	01/03/13	2069.000

HEAT NUMBER / SCHMELZE.-NR. / N° DE COULEE: 970207

CAPABILITY

1650 F (899 C), 02 HR OIL TREAT
 1325 F (718 C), 16 HR AIR COOL

COMBINATION STRESS RUPTURE
 TEST TEMP 1200 F (649 C)
 STRESS, KSI(MPA) 65.0 (448)
 ELONGATION % 32.4
 HOURS 66.8

AFTER MINIMUM TIME UNDER SPECIFIED STRESS, THE STRESS RUPTURE TEST
 WAS OVERLOADED IN INCREMENTS AS FOLLOWS:

TOTAL HOURS	STRESS KSI(MPA)
50	70.0 (483)
58	75.0 (517)
66	79.5 (548)

(T) RANSVERSE (L) ONGITUDINAL	L
YIELD STRENGTH, (0.20 %) KSI(MPA)	113.0 (779)
TENSILE STRENGTH, KSI(MPA)	162.0 (1117)
ELONGATION IN 2.00", %	23.0
REDUCTION OF AREA, %	46.0
HARDNESS, HBW	325.0

MATERIAL HAS BEEN MELTED IN USA OR QUALIFYING COUNTRY TO DFARS REQUIRE-
 MENTS 252.225-7014 WITH ALTERNATE 1 FOR QUALIFYING COUNTRY 225.872.1,
 SUPERSEDED BY DFARS REQUIREMENTS DFARS 252.225-7008 AND 252.225-7009.
 THIS ORDER WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS
 OPERATIONS QUALITY PROGRAM MANUAL, REVISION 30 DATED 09/28/11.

CARPENTER'S QUALITY MANAGEMENT SYSTEM WAS REGISTERED AS OF NOVEMBER 24, 2010 TO
 THE REQUIREMENTS OF ISO 9001:2008 APPROVAL CERTIFICATE 10-1385R BY PERFORMANCE
 REVIEW INSTITUTE. CERTIFICATE OF TEST IS PREPARED IN ACCORDANCE WITH PARAGRAPH
 3.1 OF EN 10204 (DIN 50049). WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE
 IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS,
 AS DOCUMENTED IN THIS CERTIFICATE OF TESTS.

TEST METHODS ARE PER THE ASTM STANDARDS ON FILE AND IN EFFECT AT TIME OF ORDER
 ACCEPTANCE, STANDARD PRACTICES, OR AS AGREED UPON BETWEEN CARPENTER & CUSTOMER.

SHERRY L KREIDER
 ADMINISTRATOR - QUALITY
 CARPENTER TECHNOLOGY CORPORATION

GPV*732084